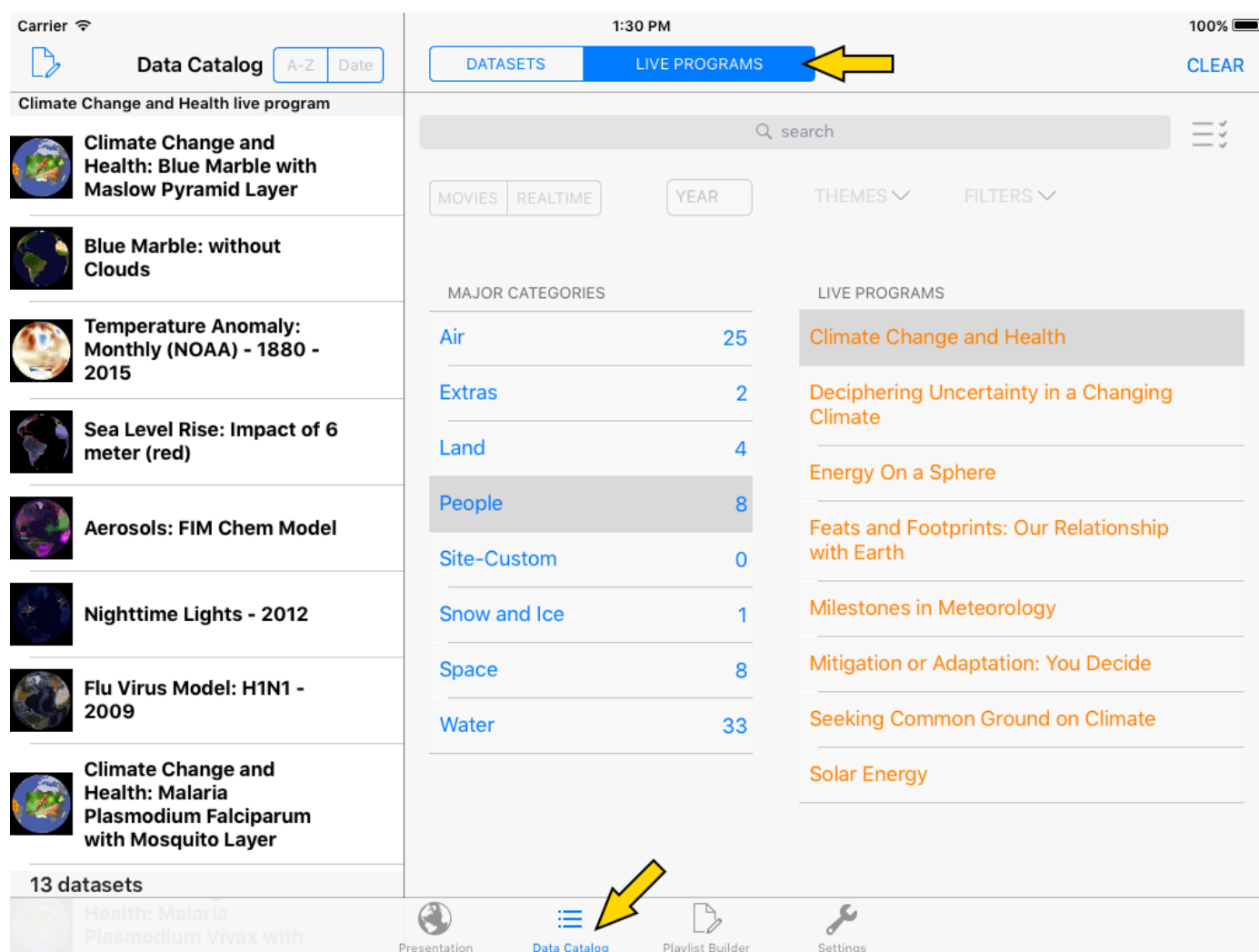# SOS Live Programs

Table of Contents

Live programs are SOS presentations that have been created by users of SOS, including scientists, educators, museum staff and student interns. They are carefully crafted presentations that use SOS datasets to tell a story and teach audiences about a specific topic such as ocean currents or extreme weather events. Included in each Live Program is an SOS presentation playlist (i.e. a collection of datasets) and a script with notes for presenters and sometimes supplementary educational materials (i.e. clicker questions and classroom lesson plans). A description of each Live Program can be found on the SOS Data Catalog Live Programs page along with a copy of the script for presenters.

The Live Program presentation playlists can be easily accessed through the iPad SOS Remote App. As indicated in the screenshots below, simply go to the Data Catalog tab and select the Live Programs button at the top of the page. Then, select a Major Category and a Live Program to show the datasets in that Live Program. Many of the Live Programs also have Presenter Notes associated with them. To view these on the iPad, simply go to the Presentation tab, make sure the Catalog button at the top of the page is selected, and then press the Presenter Notes button, also located at the top of the page.

If you've created a SOS presentation that you would like to share with other SOS users as a Live Program through the SOS Data Catalog, please email sos.gsd@noaa.gov.

Check out the available Live Programs!

Screenshots for accessing Live Programs from the iPad SOS Remote App:

Carrier 🛜   1:30 PM   100% 🔋

Playlist   **Catalog**

Climate Change and [Health] live program

Climate Change and Health: Blue Marble with Maslow Pyramid Layer

Blue Marble: without Clouds

Temperature Anomaly: Monthly (NOAA) - 1880 - 2015

Sea Level Rise: Impact of 6 meter (red)

Aerosols: FIM Chem Model

Nighttime Lights - 2012

Flu Virus Model: H1N1 - 2009

Climate Change and Health: Malaria Plasmodium Falciparum with Mosquito Layer

13 datasets

Health: Malaria Plasmodium Vivax with [Mosquito Layer]

Presenter Notes

**Note:
    - Lines that begin with ">>" and bracketed text denote presenter instructions.
    - "(Q?)" denotes discussion questions.

---(1) Blue Marble with Maslow Pyramid layer---

A.   Welcome to SOS!
    - Complex data, visualize what's going on as our planet changes over time.
    - Created by images collected from satellites. True to color; like an astronaut's view from a space shuttle.

B.   Relationship between health and climate change.
    - World Health Organization: climate change affects human health: clean air to breathe, safe water to drink, enough food to eat, and reliable shelter.

C.   (Q?) Has anyone heard of Maslow's hierarchy of needs? What is it?
    >>Overlay Maslow's Hierarchy Pip.
    - American Psychologist Abraham Maslow developed a pyramid to explain and illustrate human needs.
    - Bottom of the pyramid applies to basic human needs: air, food, water, shelter, warmth and sleep.
    - Top = "self-actualization" aka reaching your full potential
    - Climate change impact on human health, specifically lower layers of Maslow's pyramid.

---(2) Blue Marble: without Clouds---

A.   (Q?) How have we impacted the environment?
    - Environments can be very different-- people surive differently depending on

Presentation   Data Catalog   Playlist Builder   Settings